

## § 409.10

seq., Pub. L. 92-500; 91 Stat. 1567, Pub. L. 95-217.

### Subpart A—Beet Sugar Processing Subcategory

SOURCE: 39 FR 4037, Jan. 31, 1974, unless otherwise noted.

#### § 409.10 Applicability; description of the beet sugar processing subcategory.

The provisions of this subpart are applicable to discharges resulting from any operation attendant to the processing of sugar beets for the production of sugar.

#### § 409.11 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.

(b) The term *barometric condensing operations* shall mean those operations or processes directly associated with or related to the concentration and crystallization of sugar solutions.

(c) The term *product* shall mean crystallized refined sugar.

#### § 409.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best practicable control technology currently available; provided however, that a discharge by a point source may be made in accordance with the limitations set forth in either paragraph (a) of this section exclusively, or paragraph (b) of this section exclusively, below:

(a) The following limitations establish the maximum permissible discharge of process waste water pollutants when the process waste water dis-

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charge results from barometric condensing operations only.

| Effluent characteristic | Effluent limitations                   |   |
|-------------------------|--|---|
|                         | Maximum for any 1 day                  | Average of daily values for 30 consecutive days shall not exceed— |
|                         | Metric units (kg/kg of product)        |   |
| BOD5 .....              | 3.3                                    | 2.2   |
| pH .....                | ( <sup>1</sup> )                       | ( <sup>1</sup> )  |
| Temperature .....       | ( <sup>2</sup> )                       | ( <sup>2</sup> )  |
|                         | English units (lb/1,000 lb of product) |   |
| BOD5 .....              | 3.3                                    | 2.2   |
| pH .....                | ( <sup>1</sup> )                       | ( <sup>1</sup> )  |
| Temperature .....       | ( <sup>3</sup> )                       | ( <sup>3</sup> )  |

<sup>1</sup> Within the range 6.0 to 9.0.

<sup>2</sup> Temperature not to exceed the temperature of cooled water acceptable for return to the heat producing process and in no event greater than 32 °C.

<sup>3</sup> Temperature not to exceed the temperature of cooled water acceptable for return to the heat producing process and in no event greater than 90 °F.

(b) The following limitations establish the maximum permissible discharge of process waste water pollutants when the process waste water discharge results, in whole or in part, from barometric condensing operations and any other beet sugar processing operation.

| Effluent characteristic | Effluent limitations                   |   |
|-------------------------|--|---|
|                         | Maximum for any 1 day                  | Average of daily values for 30 consecutive days shall not exceed— |
|                         | Metric units (kg/kg of product)        |   |
| BOD5 .....              | 3.3                                    | 2.2   |
| TSS .....               | 3.3                                    | 2.2   |
| pH .....                | ( <sup>1</sup> )                       | ( <sup>1</sup> )  |
| Fecal coliform .....    | ( <sup>2</sup> )                       | ( <sup>2</sup> )  |
| Temperature .....       | ( <sup>3</sup> )                       | ( <sup>3</sup> )  |
|                         | English units (lb/1,000 lb of product) |   |
| BOD5 .....              | 3.3                                    | 2.2   |
| TSS .....               | 3.3                                    | 2.2   |
| pH .....                | ( <sup>1</sup> )                       | ( <sup>1</sup> )  |
| Fecal coliform .....    | ( <sup>4</sup> )                       | ( <sup>4</sup> )  |
| Temperature .....       | ( <sup>5</sup> )                       | ( <sup>5</sup> )  |

<sup>1</sup> Within the range 6.0 to 9.0.

<sup>2</sup> Not to exceed MPN of 400/100 ml at any time.

<sup>3</sup> Not to exceed 32 °F.

<sup>4</sup> Not to exceed MPN of 400/100 ml at any time (not typically expressed in English units).

<sup>5</sup> Not to exceed 90 °F.